

HydroCision receives 2006 'Medical Design Excellence Award' (MDEA) for its SpineJet® MicroResector

**Company's SpineJet® MicroResector makes possible minimally
invasive back surgery in an outpatient procedure with
the aid of a high-velocity stream of water**

**'Cutting-with-water' SpineJet MicroResector device ushers in
the era of HydroDiscectomy™ to wash away patients' back pain**

BILLERICA, Mass., April 10, 2006 – HydroCision® Inc. (www.hydrocision.com) announced today that its novel SpineJet MicroResector will be recognized as a winner in the 2006 'Medical Design Excellence Awards' (MDEA) competition on Wednesday, June 7, 2006, in a ceremony at the 'Medical Design & Manufacturing (MD&M) East 2006 Conference and Exposition' in New York City. MDEA, the premier awards program for the Medtech industry, annually recognizes contributions and advances in the design of medical devices. New products are evaluated on the basis of innovation, enhanced benefits to patients, and the ability of a product-development team to overcome design and engineering challenges.

"As a result of the SpineJet MicroResector – a surgical instrument used in minimally invasive spine surgery – a growing number of neurosurgeons, orthopedic surgeons and interventional pain physicians are using the HydroDiscectomy procedure to remove targeted disc tissue to relieve patients' back or leg pain," said Douglas J. Daniels, President and CEO of HydroCision. "We believe that HydroDiscectomy will become a standard of care for patients, and this award recognizes this great potential. Initial clinical findings demonstrate that the MicroResector treats patients in a manner that minimizes the trauma of back surgery, reduces their dependence for medication and gets them back to a normal lifestyle. This award recognizes an outstanding achievement by our engineering team and confirms the confidence our investors have shown in the company."

About Back Pain, the SpineJet MicroResector and HydroDiscectomy
(see 'Technology Profile,'

<http://www.hydrocision.com/hydro/home/MediaKit.htm>)

Back pain is often caused when part of a disc presses on the spine nerves. The invasive surgical alternative is called microdiscectomy. On the other hand, HydroDiscectomy uses a high-velocity water jet to quickly and safely decompress herniated (bulging) discs, providing relief to many patients suffering from chronic back and/or leg pain. The new HydroDiscectomy procedure

bridges the gap between conservative therapy and invasive 'open' surgery. HydroDiscectomy can offer an option to patients who have failed many conservative treatments and may lead to a significant reduction in the reliance on narcotic pain medication.

About HydroCision

HydroCision (www.hydrocision.com) is a leading designer, developer and distributor of fluidjet-based surgical tools. The Company believes its proprietary fluidjet technology is the basis of a new surgical modality, "HydroSurgery", because of its positive clinical experience, novel features and versatility. The Company has developed a broad range of fluidjet-based products to meet the clinical and economic needs of multiple specialties.

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